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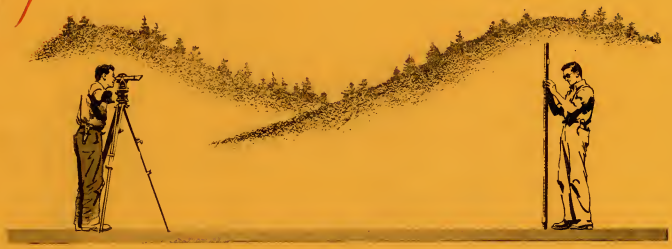
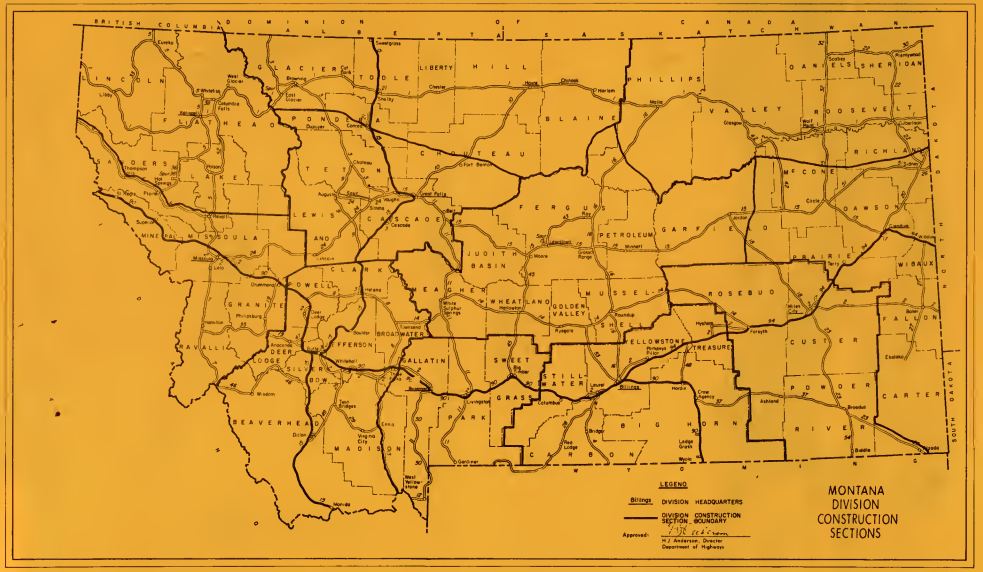


FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

MARCH 7, 1977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DANIELS
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ROOSEVELT
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MCCONE
DAWSON
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PRAIRIE
WIBAUX
FALLON
CUSTER
POWDER
CARTER
ROSEBUD
MUSSELSHELL
GOLDEN VALLEY
WHEATLAND
PETROLEUM
FERGUS
JUDITH BASIN
CHOUTEAU
TETON
LEWIS AND CLARK
CASCADE
MISSOULA
MINERAL
SANDERS
LAKE
CLARK
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RAVALLI
DEER LODGE
SILVER BOW
BEAVERHEAD
MADISON
JEFFERSON
BROADWATER
GALLATIN
SWEET WATER
STILL WATER
YELLOWSTONE
TREASURE
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BIG HORN
CARBON
WYOMING
NORTH DAKOTA
SOUTH DAKOTA
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION SECTION CONSTRUCTION BOUNDARY
Approved:
H.J. Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
MARCH 4, 1977

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending March 4, 1977:

G E N E R A L

Skies have been cloudy, temperatures moderate, and precipitation light the past month. Progress has been fair on the active projects.

P R E C O N S T R U C T I O N

I 90-1(12)11, Saltese - DeBorgia — Gary Eichert, Field Project Mgr.
Length - 10.8 Miles, Preliminary Engineering — St. Regis, Mont., Phone 649-2471
Running of offset lines on the shoulders of the westbound lane have been completed from the beginning of the project, Sta. 578+82.2, to Sta. 860+00. Profiling of existing plant-mix surface has been completed on the eastbound lane the entire length of the project and notes have been submitted to the Division office for design of concrete pavement. Construction layout, with one 4-man and one five-man engineering crew engaged, is 6% complete.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Mont., Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - July 30, 1977
Plans for the alignment review between Sta. 975+ and Sta. 1130+ were submitted to the MDH on the Sloway - East & West project on Feb. 25, 1977. Work is continuing on right-of-way summaries and miscellaneous details on Superior - West. Corrections are being made on the Superior structures as a result of the meeting with the MDH on Feb. 10, 1977. Summaries are being revised and work is underway on miscellaneous details for the mainline change by the C. M. St. P. & P. railroad bridge. The roadway portion of the contract is 91% complete, bridge section 99.9%, and the total contract as a unit is 96.8% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles, Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

I-IG 90-1(61)27, U-1, St. Regis - East & West — Personnel Unassigned
Structures at Ramp L-2 & Sta. 476+50± &
Detours & Approaches
Contract Scheduled for Letting March 31, 1977

RS 4(10), State Route 269, Stevensville
Length - 0.5± Mile, Preliminary Engineering
Work Started Dec. 9, 1976
Allan Dutton, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Prob. Comp. Date - April 29, 1977
Five days have been utilized on topog. and cross sections and two men have worked four days on hard shell and checking of notes. The project is 65% complete.

F 90(8), Thompson Falls - East
Length - 10.0 Miles, Preliminary Engineering
Work will be started when personnel are available.
Personnel Unassigned

F 197(8), Dixon - Ravalli
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.
Personnel Unassigned

RF 215(27), Florence - Lolo, Add 2 Lanes
Length - 8.5 Miles
H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491
Halo and line shift for the southbound centerline were completed and work then suspended as of Feb. 23, 1977. The design is 15% complete. Personnel are currently working on S 221(3).

S 221(3), Thompson Falls - West
Length - 4.3 Miles
H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491
Work is currently underway on inking of summaries and plan and profile sheets. Recommendations for proposed creek crossings were received from Hydraulics on Feb. 21, 1977. The design is 71% complete.

RF 223(6), Plains - Paradise
Length - 6.9 Miles
Survey Started Dec. 14, 1976
C. W. Hegman, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - Pending
Work has been suspended while personnel are on other assignments. The survey is 6% complete.

ROS 4144(52), Unit 5, East of Missoula
Bridge End Treatment
Contract Scheduled for June, 1977 Letting
Personnel Unassigned

M 8107(1), Missoula Streets
Length - 0.8 Mile
Survey Started Jan. 19, 1977
T. L. Oertli, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Completed - March 2, 1977
Notes will be submitted to the Division office this week.

M 8114 - Missoula
5th & 6th to 7th Streets
Work will be started when personnel are available.
Personnel Unassigned

M 8199(3), Missoula Intersections
Preliminary Engineering
Work Started Nov. 8, 1976
Work has been suspended.
T. L. Oertli, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - Pending

CONSTRUCTION

I 90-1(80)0, Lookout Pass - East
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign
Contract Awarded May 6, 1976
Amount of Contract - $5,359,580.07
Work Started June 30, 1975
Work Proceed Date - May 28, 1975
Northwest Construction, Inc.
Kirkland, Wash., Contractor
C. R. Owen, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 200 Working Days
Prob. Comp. Date - May 1, 1977
The project as a whole is 99% complete with 78% of the contract time elapsed. Pit reclamation remains to be completed. A 3-man engineering crew is compiling final data for submittal to the Division office about March 15, 1977.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
Saltese - Haugan & DeBorgia - East & West
Length - 10.828 Miles, GR-AGG. SURF-PMB
Contract let Dec. 14, 1972
Amount of Contract - $5,533,558.78
Work Started Feb. 15, 1973
Washington Construction Co.
Missoula, Mont., Contractor
Carl E. Smith, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 350 Calendar Days
Completed - Aug. 12, 1976
Two engineers are compiling final data for submittal to the Division office about April 15, 1977.

I 90-1(77)22, U-1, Drexel - East & West
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridges over the St. Regis River
Contract let July 2, 1975
Amount of Contract - $2,282,935.00
Work Started Aug. 19, 1975
Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Jack Silvey, Engr. Tech. 3
Superior, Mont., Phone 649-2471
Contract Time - 140 Working Days
Prob. Comp. Date - May 20, 1977
Approximately 99% of the miscellaneous structural steel has been unloaded at the Missoula maintenance storage site. The project as a whole is 97% complete with all of the contract time elapsed. Two men have worked shifts of various lengths. Construction layout, with 2 engineers engaged, is 75% complete.

I 90-1(77)22, U-2, Drexel - East & West
Length - 0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract - $1,453,180.88
Work Started July 6, 1976
Work Proceed Date - July 6, 1976
Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Project Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 120 Working Days
Completed - Dec. 7, 1976
Final data will be submitted to the Division office about March 15, 1977.

I 90-1(77)22, U-3, Henderson Interchange
Length - 138.0-Ft. Prestressed Concrete Girder Overpass
Contract let Nov. 19, 1976
Amount of Contract - $292,648.99
Work Not Yet Started
Work will be started when weather permits.
Sletten Construction Co.
Great Falls, Mont., Contractor
Wm. C. Maart, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 135 Working Days
Prob. Comp. Date - Nov. 15, 1977

I 90-1(77)22, U-5, Drexel - East & West
Structures at Sta. 241+61 & 251+80 & Grading
Contract let Feb. 24, 1977
Amount of Contract - $1,102,551.98
Work Not Yet Started
McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Mont., Contractor
Wm. C. Maart, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 200 Working Days
There has been insufficient time for the contractor to advise of his plans for starting work.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-AGG. SURF-PMB-Sign & Flasher Installation
Contract let Dec. 16, 1976
Amount of Contract - $2,836,425.90
Work Started Jan. 25, 1977
Work Proceed Date - April 18, 1977

Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Project Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 220 Working Days
Prob. Comp. Date - Dec. 15, 1977

Clearing operations are underway from Sta. 790+00 to Sta. 840+00 and grubbing from Sta. 700+00 ahead, on the eastbound. There has been no work on the westbound. The project as a whole is 3% complete with 0% of the contract time elapsed. Fourteen men are working on eight 10-hour shifts per week. Construction layout, with an 11-man engineering crew engaged, is 34% complete.

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1975

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Project Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - July 15, 1977

Work the past month has consisted of placing concrete for the cap at Pier 3, pulling remaining sheetpile at Piers 3 and 4, and setting structural steel on Spans 1 and 2. Some of the structural steel has been set on Span 3 and all on Span 4. The project as a whole is 70% complete with 72% of the contract time elapsed. Sixteen men are working five 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 45% complete.

I 90-2(51)78, U-3, Huson - West
Length - 1,020.0-Ft. Composite Steel & Conc. Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Wm. C. Maart, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 280 Working Days
Prob. Comp. Date - May 30, 1977

Work has been suspended. The project as a whole is 96% complete with 92% of the contract time elapsed. Construction layout is 99% complete. Engineering personnel are currently engaged on other assignments.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB, Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1975

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 90 Working Days
Prob. Comp. Date - May 20, 1977

There has been no work by the contractor. The project as a whole is 97% complete with 94% of the contract time elapsed. One engineer worked four days on summaries. Construction layout is 98% complete.

F 192(9), Arlee - Safety, US 93
Flasher Installation & Traffic Cont. Devices
Contract let Nov. 19, 1976
Amount of Contract - $29,588.95
Work Not Yet Started
Work Proceed Date - April 18, 1977

S. & S. Construction Co.
Helena, Montana, Contractor
J. E. Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 20 Working Days
Prob. Comp. Date - June 1, 1977

F 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Final data will be submitted to Helena about March 11, 1977.

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 330 Calendar Days
Completed - Oct. 27, 1975

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange North, Evaro - North &
South, & Evaro Hill
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started April 30, 1976
Final data will be submitted to the Division office about March 25, 1977.

McIntyre Const. Co. & Birch, Inc.
Great Falls, Mont., Contractor
C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 110 Working Days
Contract Completed - Sept. 29, 1976

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-AGG. Surf.-PMB-Widen &
Guard Rail Revision
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Started July 7, 1976
The project as a whole is 70% complete with 62% of the contract time elapsed. Work has been suspended and personnel are currently engaged on other assignments.

Washington Construction Co.
Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 150 Working Days
Prob. Comp. Date - Aug. 15, 1977

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1975
Two engineers are compiling final data for submittal to the Division office about March 15, 1977.

Skinner Enterprises, Contractor
Helena, Montana
J. E. Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Working Days
Completed - Oct. 18, 1976

M-RS 000S(53), Missoula County - Urban
Length - 37.9 Miles, Signing & Delineation
Contract let Oct. 29, 1976
Amount of Contract - $58,976.70
Work Not Yet Started
Work Proceed Date - April 18, 1977
The contractor plans to start work in the spring.

Western Sign Corp., Contractor
Great Falls, Montana
J. E. Hughes, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 90 Calendar Days
Prob. Comp. Date - July 1, 1977

M 8105(3), Missoula, Channelization & Signal
Revision, W. Broadway & Russell Intersection
Contract let Nov. 19, 1976
Amount of Contract - $125,400.50
Work Started Feb. 23, 1977
Work Proceed Date - April 18, 1977
Work has consisted of sawing loop detectors. The project is 2% complete with 0% of the contract time elapsed. Two men are working five 8-hour shifts per week. Construction layout, with 2 engineers engaged, is 10% complete.

Fred Strandberg Const. Co., Inc.
Helena, Mont., Contractor
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 50 Working Days
Prob. Comp. Date - July 29, 1977

M 8107(2), City of Missoula
Orange Street Traffic Control Devices
Contract let Sept. 30, 1975
Amount of Contract - $144,725.75
Work Started Nov. 17, 1975
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. R. Williams, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 75 Working Days
Completed - Oct. 18, 1976

Final data will be forwarded to Helena about March 15, 1977.

M 8107(4), North Orange Street - Missoula
Length - 0.8 Mile, Lighting & 0'Height Detector
Contract let Aug. 26, 1976
Amount of Contract - $85,663.22
Work Not Yet Started
Work Proceed Date - Sept. 20, 1976

Midland Electric, Contractor
Billings, Montana
J. R. Williams, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - June 17, 1977

The contractor plans to start work on March 21, 1977. Construction layout, with 2 engineers engaged, is 4% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.00
Work Started July 20, 1976
Work Proceed Date - July 6, 1976

Western Sign Corporation
Great Falls, Mont., Contractor
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - May 29, 1977

There has been no work the past few months. The project is 87% complete with 2% of the contract time elapsed. Construction layout, with 2 engineers engaged, is 99% complete.

SMP 3299-77, Missoula & Ravalli Counties
Crush & Stockpile 55,000 Tons of Aggregates
Contract let Jan. 27, 1977
Amount of Contract - $166,025.00
Work Not Yet Started

Washington Construction Co.
Missoula, Mont., Contractor
D. R. Lohn, Div. Lab. Supvr. 2
Missoula, Mont., Phone 549-6491
Contract Time - 80 Working Days
Prob. Comp. Date - July 15, 1977

The preconstruction conference was held in the Division office on Feb. 14, 1977. The contractor plans to start work about April 1, 1977.

Ben C. Miller

BEN C. MILLER, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:cn

DEPARTMENT OF HIGHWAYS

Kalispell, Montana

March 4, 1977

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending March 4, 1977.

G E N E R A L

Progress has been fair. Weather has been unseasonably mild with light precipitation late in the period in the form of wet snow. Day time temperatures ranged from +34° to +50° with night temperatures from +20° to +34°. Highways in early spring driving conditions with occasional snow and ice in shaded areas.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 3900' & 7000' Alignment
Survey Authorization Dated-August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Est. Comp. Date - May 1, 1977

The project consists of two separate sections. The most westerly section is 3900' in length including spirals and connections. The most easterly section is 7000' in length with spirals and connections. Centerline, benches, cross-sections and topography is 100% complete. Section ties are approximately 75% complete. The remaining survey work consists of bridge surveys. There has been no additional work on this location during the last reporting period. The bridge surveys will be made in the spring after the ice has dissipated. The total man days used to date remains 242½ days, with the survey remaining approximately 80% complete.

F83-2(1) 67 Swan Lake North Overlay
Length - 12.7 Miles
Survey & Design Authorization-Jan. 31, 1977
Design Started - Feb. 23, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - May 15, 1977

One man is currently drafting plan sheets at a scale of 1" = 200'. Existing plans for the project are at scale of 1" = 400'. Some field work will consist of the location of all existing approaches, culvert inspection, itemizing all roadway sections which will require dig outs or the placement of fabric material, and locating all areas requiring ditch cleaning.

F-100(9) Columbia Falls East & West
RS 486-1(2); (S-334(2)) Nucleus Ave.
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - April 30, 1977

F-100(9)

Two men worked 7 man days the past period on miscellaneous design. Design will continue on minor items, but the plans will not be completed until final storm drain recommendations are received from the Hydraulics Unit. 319 man days have been used to date on design, which is approximately 70% complete.

RS-486-1(2)

A final earthwork run was received, and minor work done on design the past period. The design of the project will now be completed when final storm drain recommendations are received from the Hydraulics Unit. 76 man days have been used to date on design, which is approximately 70% complete.

RF-257(16) & LSF-1-257(5) Coram-West
Glacier Section
Length - 4.8 Miles
Scheduled for April 1977 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950

A six man crew began establishing the projected centerline on January 3, 1977. Work consists of clearing line, setting control points and running line. A Survey crew of 5 to 6 men worked a total of 82½ man days making a total of 228½ man days.

UTILITIES

Montana Power Company discontinued operations for the winter or until other work loads subside. Gas line crossing have been relocated at stations 493+11 and 529+65. Relocation remains approximately 20% complete.

Harp Line Construction Co., contractor for Flathead Electric Co-op plans to start setting poles about the middle of March, contingent upon arrival of some material.

F-263(8) Stryker-Roosville
Length - 6.0± Miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Jack Adamson, Field Proj. Mgr.
Eureka, Montana 59917
Est. Comp. Date - April 1, 1977

Progress has been fair the past period. Work has consisted mainly of taking topography and working on the proposed alternate line. 5 engineering personnel are presently on location at Eureka and 2 in Troy. The project as a whole is 75% complete with 850 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Est. Comp. Date - Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - Pending

There has been no work on deisgn this reporting period. Design personnel will be working on projects F-100(9) and S0334(2) until completion. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

C O N S T R U C T I O N

RS 4144(52) UI - Polson
RS 4144(52) UI2 - Ravalli
Bridge End Treatment
Contract Let - February 24, 1977
Contract Awarded - Not received to date
Contract Amount - $16,025.45
Proceed Order - Not received to date

Western Sign Corp.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950

No preliminary engineering work done to date. Project involves bridge end approach imporvements of Flathead River bridge west of Polson and bridge on Jocko River, west of Ravalli.

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix Bit.
Base & Signing
Length - 10.0 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 110 Working Days
Proj. Completed - August 18, 1976

One man is presently checking final in Division office. Should be checked and ready for submittal to Helena about March 10, 1977.

ERFO 72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - October 29, 1976
Contract Awarded - October 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - November 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59401
Duane Anderson, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time - 120 Working Days
Prob. Comp. Date - Sept. 1, 1977

Contractor is working 5-8 hour shifts, employing 18 men. Progress has been fair. Contractor is placing Class III riprap Sta. 517+00 to 535+00 and excavating keyways and placing riprap Sta. 1628+50 to 1660+00. Project as a whole is 22% complete with 0% of the contract time elapsed (seasonal suspend work).

An eight man engineering crew is assigned to project. Engineering layout is approximatley 77% complete.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975(Con.by FHWA)
Contract Amount $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Company
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 300 Working Days
Prob. Comp. Date - July 1, 1977

Progress has been fair this past month. All prestressed beams and elastomeric bearing divices have been set for the W.B. structure. Riprap for W.B. Pier No.4 has been completed, all coffer dams removed and the work bridge removed, with a few timber piles left in place as future anchorage for the work raft. Contractor worked 20-8 hr. shifts employing 11-21 men. The contractor is presently forming the W.B. deck, diaphragms and backwalls. Re-steel is being tied as forming permits. The general area is also being cleared of sheet pile, timber pile, timber decking, etc., that are no longer required.

The project as whole is 91% complete with 80% total contract time elapsed. The project continues under winter suspend. Two state employees are presently assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal Upgrade
Installation of Flasher at St. Matthew School Crossing on Main St. in Kalispell and Signal Controller Upgrade on Four Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976(FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - October 13, 1976

Signal Electric, Inc.
Kent, Wahsington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 45 Working Days
Prob. Comp. Date - April 1, 1977

Progress has been fair during the past month. The school flashers at St. Matthews have been installed and are operating making this item 100% complete. The signal poles and signal lights have all been set with only remaining work to be completed is the installation of the sensing heads and minor miscellaneous items. Project as a whole is approximately 75% complete, with no contract time elapsed.

HHS-257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 Miles
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Started - October 8, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
Duane Anderson, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 30 Working Days
Project Completed - Oct. 19. 1976

Final was submitted to division office January 25, 1977. Should be checked and ready for submittal to Helena about March 30, 1977.

DP-270(13) U.S. #93 North of Kalispell
Grade, Gravel Surface
Length - 0.776 Miles
Contract Let - February 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co., Inc.
Kalispell, MOntana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 60 Working Days
Project Completed - December 3, 1976

Final was submitted to division office January 31, 1977. Should be checked and ready fo- submittal to Helena about Arpil 15, 1977.

F-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One Pre-Stressed
Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1976 (FHWA Conc. 4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Company
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 200 Working Days
Pfoject Completed - December 6, 1976

The project was completed and accepted December 6, 1976. Final compilation is being worked on as time permits, however progress has been poor due to construction activity of RS 404(8). The final will be submitted to division office in about 45 days.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers, Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone - 295-4741
Contract Time - 140 Working Days
Prob. Comp. Date - July 1, 1977

The contractor plans to resume work about April 1, 1977. Two State personnel working in office on notes as time permits. The project remains 59% complete with 60% of contract time elapsed.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.38 Miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 180 Working Days
Prob. Comp. Date - May 17, 1977

RS-DP-448(3)

No progress last month. Guard rail posts have been set for all guard rail sections and dress up aroung post will be done in the spring. All contract and change orders are 100% complete with the exception of chip and seal and striping, which will be completed in the summer of 1977. The project as a whole is 95% complete with 76% of the contract time elapsed. Construction layout is approximately 96% complete with one to two men working on field notes as time permits.

M6730(1) & RS-404(8) Kalispell-South Loop
Grade, Agg. Surf., Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - September 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalisepll, Montana 59901
Phone - 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - Oct. 15, 1977

Progress has been fair. Work the past month has consisted of blasting and placing rock embankment from cut at Sta. 456 to fill Sta. 478+, placing filter fabric and 4" select surfacing Sta. 545 to 573+50 and placing storm drain and various drainage items throughout the project and crushing and stockpiling 4" select surfacing. Trails End Construction with 6 to 10 men working are working on storm drain and water mains. The prime contractor currently employs 37 men. Eleven engineers and inspectors are assigned and have the construction layout approximately 33% complete. The project is approximately 35% complete with 8% of the contract time elapsed. Winter suspend is in effect.

SMP-1599-76 (State Project)
4 Crusher Setups in Flathead, Lake Lincoln and Mineral Counties
Contract Let - December 17, 1976
Contract Awarded - December 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Not Started

Frank Boroni Construction
Butte, Montana
John Kalien, DMS II
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 65 Working Days
Prob. Comp. Date - June 1, 1977

No progress to date. Contractor advises that he will begin crushing sometime during the middle of March.

To date no reclamation plans have been received. There possibly will be a sub-contractor on pit at St. Regis, #3120-24.

Relocation: Montana 37 - Unit 3A - Libby Dam & Lake Koocanusa Project
Length - 2.44 Miles
Contract Awarded - August 3, 1976
Contract Amount - $732,945.00
Proceed Order - August 31, 1976

Bering Straits Construction Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corps of Engineers
Libby, Montana 59923
Phone - 293-6221
Jack Adamson, FPM-Liason Engineer
Troy, Montana
Phone - 295-4741
Contract Time - 360 Working Days
Est. Comp. Date - Pending

The contractor has completed moving the railroad grade. Some work has been done at the quarry pit in preparation for spring work schedule. The project as a whole is approximately 5% complete.

FOR James J. Keithley, P.E.
Supv. Div. Const. Section

JJK:HAS:mb

Department of Highways

Butte, Montana

March 3, 1977

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending March 1, 1977. The weather has been mild and dry with temperatures ranging from -2^{o} to $+58^{o}$.

PRECONSTRUCTION

F 8-4(1)77
Townsend-Toston
Pl. Mix Overlay on U.S. #287
Design
7.9 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
April 15, 1977

On February 16, 1977 a field review of the project was conducted and the scope of the work to be accomplished was determined. Work on the project will consist of constructing a 28 foot wide 0.25 foot deep overlay for 7.9 miles from Townsend South, paving approaches to standards, placing guardrail at bridge ends, and digging out and back filling unstable areas of roadbed, as determined by field lab personnel. Work thus far has consisted of drawing typical sections and computing typical section quantities, computing additional surfacing quantities for road approaches and drawing pencil summaries and plan sheet linens for the project. A design crew worked 8 man days for a total of 8 man days used to date. Design work on the project is 10% complete.

I IG 15-3(13)157
Basin-Boulder
5.9 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Design

Seven plans sheets for the Boulder West portion of the job were completed and MDH has finished photographing and R/W plans are prepared. We are now adding R/W information to these plans for early submittal with the land net for ownership verification. Interchange geometric design has been completed and the construction plans layout sheet has been completed. Approval was received for Alternate #2 Frontage Road plan and this alignment has been sent to the field crew for staking.

I IG 15-3(13)157 Cont'd
Sample Hydraulic investigations were made at one bridge site to test the MDH computer program output. The procedure appears to work well and we will probably use this method for channel evaluation throughout the job.

Location

Bill Bork, Manager
Field Project
Boulder, Mt. Tel. 225-3878

Work the past period consisted of running centerline, establishing bench marks and making section ties. An eleven (11) man crew expended 223.5 man days for a total of 419 man days used to date. Line run is 100% complete. Levels run are 89% complete and Section Ties are 11% complete. Project as a whole is 55% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

I IG 90-3(27)172
Garrison E&W (West Section)
Construction Staking
4.247 Miles
Powell County

Raymond G. Masters, Manager
Field Project
Deer Lodge, Montana

Construction staking is 16% complete with an eleven (11) man crew engaged.

F 214(7)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: December 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Public Hearing was held November 8, 1976.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.969 Miles
Silver Bow County

Eugene Campbell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Probable Completion Date:
March 18, 1977

Work the past period consisted of taking topography, making section ties and tying in mining claims. The Design Section in the Division Office is working on hardshell and profile. A six (6) man crew expended 152.5 man days for a total of 474.5 man days used to date. All items are complete with the exception of Plan Plotted which is 95% complete and Profile Plotted which is 15% complete. Project as a whole is 90% complete.

RS 284-2(2)
Canyon Ferry Dam S.E.
Design
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 16, 1977

Work for the period consisted of editing cross section notes for submittal to the data processing section for a ground line run. A two man crew expended 1 man day for a total of 9 man days used to date. The profile plotted and inked is 100% complete, the hardshell plotted is 100% complete and the cross sections plotted are 75% complete. Design work on the project is 6% complete.

RS 393-1(2)
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 23, 1977

Work for the period consisted of reviewing field culvert recommendation and compiling hydraulic data for submittal to the Hydraulics Unit with a request for recommendations, also checking the profile and materials data for submittal to the surfacing design unit for development of a typical section for the project. A two man design crew expended 7 man days for a total of 37 man days used to date. Design work on the project is 10% complete. Notes reduced and checked are 100% complete, cross sections plotted, topoged and inked are 100%, the hardshell plotted is 100% complete, and the profile plotted and inked is 100% complete.

PRECONSTRUCTION

RS 393(1)
West of Twin Bridges
Location Survey
0.61 Miles
Madison County

William C. Birkenbuel, Manager
Field Project
Dillon, Montana
Probable Completion Date:
March 11, 1977

Work the past period consisted of running centerline, running levels, taking cross-sections, taking topography and checking ownerships. A six (6) man crew expended 54 man days for a total of 54 man days used to date. Line run, Levels run, B.M.'s established, Topography and Ownerships checked are all 100% complete. Cross-sections are 35% complete. Project as a whole is 55% complete.

S 442(1)
Grand Avenue - Butte
Design
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
April 15, 1978

No work on this project. There has been a total of 156 man days used to date. The plan and profile linens are traced for 1.4 miles and are 95% complete. The cross sections plotted, inked and topoged are 95% complete and the profile revised and plotted is 95% complete.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted and inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide
and Wisdom - Divide Roads
Aggregate Surfacing, Plant Mix

Empire Sand & Gravel, Inc.
Billings, Montana
Gene Campbell, Manager

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2 Cont'd.
Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1976
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 150 Working Days
Completion Date:
October 22, 1976

Final Data was sent to Helena on February 18, 1977.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
April 15, 1977

Project on winter shutdown. Work remaining consists of installation of curbing and landscaping work under Change Order No. 2 which will be accomplished next spring. Project as a whole is 99% complete with 99% of the contract time elapsed. There are two Engineers assigned to this project and they are presently working on the Basin - Boulder location.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work STarted: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Project I 15-2(36)118 Final Data is in Division Office and checking of this Data is in progress. Project I 15-2(35)111 is 85% complete in the Field Office with 4 men engaged. It is estimated it will be submitted to Division Office on March 11, 1977. It is estimated that Final Data will be sent to Helena on May 12, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Prices: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
September 9, 1977

I 15-2(37)134 &
I 15-3(25)135 Unit 1 Cont'd.
Project is on winter shutdown. Project as a whole is 63% complete with 52% of the contract time elapsed. Construction layout as a whole is 80% complete. The 6 man engineering crew is presently on the Basin-Boulder location.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp., Lewis Constr. Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Completion Date:
November 16, 1976

Final Estimate is 65% complete in the Field Office with a 5 man crew engaged. It is estimated that Final Data will be submitted to Division Office on April 4, 1977. It is estimated that Final Data will be sent to Helena on June 30, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Spring, Mt. Tel. 693-2242
Contract Time: 230 Working Days
Completion Date:
November 6, 1976

Final Inspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena on May 20, 1977.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. & S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Boulder, Mt. Tel. 225-3878
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Project on winter shutdown. Project as a whole is 43% complete with 27% of the contract time elapsed. Construction layout as a whole is 82% complete. The 5 man Engineering crew is assigned to Basin-Boulder location.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of drilling in rock slide. The contractor employed 2 men for 20-8 hour shifts. Project as a whole is 72% complete with 81% of the contract time elapsed. Construction layout as a whole is 89% complete with 1 Inspector engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Contract Let: June 29, 1976
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Probable Completion Date:
October 14, 1977

Project is on winter shutdown. Project as a whole is 61% complete with 45% of the contract time elapsed. Construction layout as a whole is 97% complete. There is a 7 man Engineering Crew assigned to this project and they are presently working on the RS 393(1) location.

HHS 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Not Started

S&S Construction
Helena, Montana
Irvin C. Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 30 Working Days
Probable Completion Date:
May 27, 1977

Preconstruction Conference held February 15, 1977.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Spring-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 Cont'd.

Road

Work the past period consisted of forming and pouring concrete cut-off walls and conducting grading operations. Contractor employed 35 men for 11-8 hour shifts. Project as a whole is 50% complete with 30% of the contract time elapsed. Construction layout as a whole is 76% complete with 4 Engineers and 1 Inspector engaged.

Bridges

Progress during the past period was good. Work consisted of: Sta. 812+05.20 - Preboring for & driving Bt. No. 1 service pile. Rd. Cont'r. is placing Bt. No. 5 end approach fill. Sta. 842+26.32 (W.B.) - Positioning bearing assemblies; erecting steel girders over Bt. No. 3 & Span No. 3. (E.B.) - Bt. No. 1 placing concrete for the beam & backwall. Bt. No. 4 forming on & placing Reinf. Steel in the beam & backwall; completing driving the service pile; placing concrete for footings & columns. Percent complete for the items are as follows: Conc. Cl. AD, 62%; Prestressed Beam - Type A 40, 45, 65 & 70 Feet, 100%; Prestressed Beam - Type 4-90 Feet, 100%; Struct. Steel Item 431001010, 18.4%; Struc. Excav. Type 1, 99%; Test Pile - Item 461020000, 50%; Test Pile - Item 461 020001, 100%; Furn. T.T. Pile, 98%; Drive T.T. Pile, 98%; Pile - Prebore Holes, 96%; Reinf. Steel, 55%; Br. Rail - Steel Type 5, 3% & Protective Coat, 23%. The structures as a whole are 53% complete. During the past period the Br. Subcont'r. (McIntyre Const. Co.) worked 20-8 Hr. shifts with 18-men employed. Construction layout is 53% complete with a 4 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
October 14, 1977

Road

Work the past period consisted of conducting grading operations. The contractor employed 20 men for 5-8 hour shifts. Project as a whole is 31% complete with 41% of the contract time elapsed. Construction layout as a whole is 92% complete. With 5 Engineers and 1 Inspector engaged.

Bridges

The contractor has not worked on this project during the past period. Percentages complete for the items are as follows: Structure Excavation 83%; Reinforcing Steel 44%; Class AD Concrete 60%; Traffic Control 18%; Mobilization 24%; Structural Steel 0.2%. The structural seetion of the project is 26.8% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen-East Road
The construction of a dual 133.0' prestressed
concrete girder overpass, 5 concrete slab

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2 Cont'd.
structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
March 30, 1977

Progress the past period was fair.
I IG 90-5(26)194 U2 Warm Springs North & South. No work this portion of Project.
RS 304(12) U2 Galen East.
Structure at Clark Fork River Sta. 196+75.00: Contractor placed sheet piling for E.W.O.#1 and completed some extra work order at West Bank of River for placement of rip-rap. Placed eight (8) pre-stressed beams (Type A 60 Ft.) at spans 1 and 2. Percentages complete for items are as follows: Unclassified Channel Excavation 85%, Strucutre Excavation 88%, Reinforcing Steel 82%, Class AD Concrete 90%, Structural Steel 89%, Shoring and Crib 98%, Filter Material 85%, Gravel Blanket 87%, Class II Rip Rap 80%, Mobilization 90%, Steel Beam Bridge Rail Type 5 45%, Pre-Stressed Beams Type A 60 Ft. 100%, Pre-Stressed Beams Type 4 85 Ft. 100%, Pre-Stressed Beams Type A 35 Ft. 100%. The Project as a whole is 84% complete with 74% of the contract time elapsed. The contractor worked 25 eight (8) hour shifts employing an average of six (6) men.

RF 171(17) & RS 167(10)
Harrison - North & South and Cardwell - Southeast
Grading, Agg. Surfacing and Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Completion Date:
January 14, 1977

Work on Final Data is 75% complete in the Field Office with a 5 man crew engaged. It is estimated that Final Data will be sent to Helena on July 8, 1977.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix Bit. Base Surf., Seal, Cover, Signing and Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

Work the past period consisted of clearing and grubbing. The contractor employed 12 men for 20-8 hour shifts. Project as a whole is 1% complete with 0% of the contract time elapsed. Construction layout as a whole is 14% complete with 5 Engineers and 1 Inspector engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.0 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Not Started

Jim Gilman, Excavating Co.
Butte, Montana
John McGeever, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 30 Working Days
Probable Completion Date:
May 27, 1977

Preconstruction Conference held March 2, 1977.

FF 401(3)
Intersection of Montana Ave.
and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
April 15, 1977

No work. Awaiting arrival of materials. Project as a whole is 21% complete with 0% of the contract time elapsed. Construction layout as a whole is 75% complete. There are 4 Engineers assigned to this project.

SMP 0499-77 (State Project)
Maintenance Crushing
Broadwater, Beaverhead and
Gallatin Counties
Contract Let: February 24, 1977
Bid Price: $119,000.00
Work Not Started

Jim Gilman Excavating, Inc.
Butte, Montana
Russell R. Yarnall, Material
Supervisor III
Butte, Montana Tel. 494-3666
Contract Time: 65 Working Days
Probable Completion Date:
July 8, 1977

Preconstruction conference has not been held.

M 1803(2)
Harrison Ave. and Amherst
St.-Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
April 22, 1977

No work the past period. Project as a whole is 47% complete with 40% of the contract time elapsed.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix

Jim Gilman Excavating, Inc.
Butte, Montana
Joseph Bettle, Manager

M 1804(2) Cont'd.
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Not Started

Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 18, 1977

Preconstruction conference held March 2, 1977. A six (6) man Engineering crew is staking project.

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
May 6, 1977

Preconstruction conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section-Butte

RBD/GBH/MJJ/cu

CONSTRUCTION BUREAU

P. O. Box 1110
Bozeman, Montana 59715

March 4, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the four-week period ending March 4, 1977. Weather during the first three weeks of this period was mostly clear with some snow showers experienced throughout the Division during the past week.

P R E C O N S T R U C T I O N

F 13-1 (1) 24 — Engineer Unassigned
8 Mi. South of Cameron - South
Length - 6.0 Miles

All information requested from the field has been transmitted to Helena.

F 13-1 ( ) 30 — Engineer Unassigned
3 Mi. South of Cameron - South
Length - 5.0 Miles

All information requested from the field has been transmitted to Helena.

F 20(4) US 191 Spur — Roger E. Blossom, PE, FPM
Approx. Length - 6.7 Miles — Phone: 586-5074 Bozeman
Estimated Completion Date: July 1977

Engineering crew transferred off project on 1-7-77 due to deep snow and weather conditions.

F 29-1 (3) 16 — Engineer Unassigned
Virginia City Hill
Length - 0.9 Miles

All information requested from the field has been transmitted to Helena.

FH 42-3 (2)
Slide Near Karsts
Gallatin County

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 45-1 (1) 15
Big Timber - North
Length - 11.4 Miles

L. O. Williams, FPM
Phone: 222-1695
Livingston, Montana

A four to five-man survey crew spent two weeks obtaining cross-sections for this project. These cross-sections are now being plotted.

F 50-2 (1) 88
Signals
Intersection of Main Street with
3rd & 5th Avenue - Bozeman

Engineer Unassigned

No information requested from field office to date.

F 60 (15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 64-1(1)0 Big Sky Spur
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

Engineer Unassigned

There was no work on the project during the past period.

ROS 76(10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

A five-man survey crew has been obtaining the information requested in the Plan-in-Hand Report dated November 18, 1976. Approximately 75% of the field work has been completed with 2,000 feet of cross-sections uncompleted at this time. Icy roads have hampered or stopped the progress of the survey crew at times.

F 86-1 (1) 0
Rouse Avenue & Lamme St.
Int. - Bozeman

Engineer Unassigned

No information has been requested from the field.

I 90-6( )315 — Engineer Unassigned
Bozeman Pass - West Rest Area

No information has been requested from the field to date.

I 90-7(17)350 — Roger E. Blossom, PE, FPM
Springdale - Big Timber — Phone: 586-5074 Bozeman
Length - 13.477 Miles

All requested work has been completed.

I 90-7(18)364 — Ronald T. Hoyem, FPM
Big Timber - Greycliff — Phone: 932-3272 Big Timber
Length - 10.814 Miles

All information requested from the field has been submitted to Helena.

I 90-7(21)339 — Roger E. Blossom, PE, FPM
Springdale - West — Phone: 586-5074 Bozeman
Length - 9.2 Miles

All requested work has been completed.

I 90-7(34)375 — Ronald T. Hoyem, FPM
Greycliff - East — Phone: 932-3272 Big Timber
Access Road (Prairie Dog Town)
Length - 0.440 Miles

All requested information has been transmitted to Helena.

I 90-7(36)321 U-2 — Engineer Unassigned
Bozeman Pass - East
Rest Area & Sand House

No information has been requested from the field to date.

I 90-7(40)332 — William F. Nimmons, FPM
Snow Fence — Phone: 586-5074 Bozeman
Approx. Length - 5.0 Miles

Wind directions and velocity have been recorded for the last month; however, very little snow has fallen with the result of little or no drifting.

F 91-1(1)0 — Engineer Unassigned
Big Timber - E & W
Signs, Traffic Cont. Devices

No information has been requested from the field to date.

F 171 (16)
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion date: April 1978

A five to six-man survey crew has been running centerline and taking cross-sections. Centerline was run from Station 80 thru Station 250 completing 49% of this item. Cross-sections were taken between Sta. 80 and Sta. 129 making the cross-section of this location survey 25% complete. All control points have been set and referenced. Bench marks have been run and checked between Sta. 80 and Sta. 130. At the present time the location survey as a whole is 20% complete.

S 276(1)
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Completion Date: 5-1-77

A six-man survey crew has been working on this location survey. At the present time, the centerline is in, cross-sectioning is 50% complete, topography is 100% complete and level and B. M's have been established for 78% of the project. 531 man-days have been expended on this location survey which is presently 66% complete.

HHS 370 (26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All data requested has been transmitted to Helena.

RS 463 (1)
Springdale - Hunters Hot Springs
Approx. Length - 2.2 Miles
Survey Started: 1-5-77

Larry O. Williams, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 8-1-77

All field work for the road portion on this survey has been completed. Two men are currently plotting the plan-in-profile and checking field notes. The bridge location survey has not been started to date. 188 man-days have been expended on this route location survey which is 90% complete.

M 1201 (1)
North 19th - Bozeman
Approx. Length - 0.4 Mile
Survey Started: 1-15-75

Engineer Unassigned

All location survey data has been transmitted to Thomas, Dean & Hoskins, Inc.

M 1202 (1)
Oak St. - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Engineer Unassigned

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Miles

Engineer Unassigned

All field work for this location survey has been completed and data transmitted to Thomas, Dean & Hoskins, Inc.

SRS 4148 (52)
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

C O N S T R U C T I O N

S 28 (14)
McLeod - Big Timber
Structures and Approaches
Length - 0.905 Miles
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

COP Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Completion Date: 11-19-76

The final estimate and supporting data were returned to the field for clarification of various items on February 17, 1977.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structure
Length: 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

Progress has been fair with the contractor employing 14 men. Minor operations were resumed on February 21. The contractor has been using

two D-9 cats in attempting to rip the rock material at Stations 132+00 to 143+00, 150+00 to 152+00 and 162+00 to 164+00. Forty-eight feet of 60 In. SPPC was installed at Sta. 176+00. A nine-man engineering crew is currently assigned to this project which is 19% complete with 29% of the contract time elapsed. The contractor has 212 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel and Conc. Overpass
Dual 78.0' Steel and Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Progress has been fair with the contractor employing between four and eighteen men. Minor operations will resume on February 21. Subgrade finishing operations in the vicinity of the rest area is in progress. Eight gravel trucks resumed hauling 1½" CBS to the westbound lane between Sta. 400 and 460 on February 23. A two-man fencing crew is installing C/W fence right of eastbound lane between Sta. 505 to 565. The contractor plans to begin gravel laydown as weather permits. A twelve-man engineering crew is currently assigned to this project which is 77% complete with 57% of the contract time elapsed. The contractor has 115 working days of contract time remaining.

ROS 4144 (52) U-2
Manhattan - Belgrade
Bridge End Guard Rail
Length - 0.335 Miles
Contract Awarded: February 24, 1977
Contract Amount: $34,016.70
Proceed Order Date: _____
Work Started: _____

Western Sign Corporation
Great Falls, Montana
Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman
Contract Time - 40 Working Days
Probable Completion Date: _____

No word has been received from the contractor regarding a Preconstruction Conference.

SMP 0499-77
Crush & Stockpile
Broadwater, Beaverhead and Gallatin Counties
Contract Awarded: February 28, 1977
Contract Amount: $119,000.00
Proceed Order Date: _____
Work Started: _____

Jim Gilman Excavating, Inc.
Butte, Montana
Walter H. Deighton, Lab Supr. 3
Phone: 586-9562
Bozeman, Montana
Contract Time: 65 Working Days
Probable Completion Date: _____

There has been no word from the contractor regarding the Preconstruction Conference.

Respectfully yours,

Richard C. Holmes, PE, Supervisor
Division Construction Section
Bozeman, Montana

RCH:EJR:wb
cc: Gary A. Gilmore, PE, Division Traffic Engineer
Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
MARCH 4, 1977

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period February 7, 1977 thru March 4, 1977.

GENERAL

Weather has been clear to overcast with snow at times and temperatures ranging from 20^{o} to 50^{o}, causing intermittent work stoppage.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls, Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 31, 1977

No work during this reporting period. Design is 46% complete.

F 64 (15) - Gt. Falls East
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

Two men worked 31 man-days Plotting Ground Line and Topog. Design is 17% complete.

ER 72 (26) - Teton River Bridge-Chouteau Co.
Location Survey
Length: 0.17 miles
Survey Started: Feb. 24, 1977

D. D. Moore - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: March 15, 1977

Six man-days were used during this period establishing base line and locating benches. The Survey is 10% complete with 6 man-days used to date.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length: 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - PHone #453-2573
Prob. Comp. Date: March 15, 1977

154 man-days used during this period taking Cross Sections, Running Levels, Centerline and Setting Bench Marks. The survey is 49% complete with 1332 man-days used to date.

Department of Highways

March 4, 1977

RS 220-1 (2)
S 134 (1)
Farmington - North 8.5 miles
Agawam - North 3.6 miles
Design Started June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

One man worked 16 man-days writing special Provisions and Preparing Design for Plan-In-Hand, to be held on March 8, 1977. This design will be split as shown, in two Projects. The proposed P.I.H. will cover both Projects. Design is 50% complete, both Projects.

RF 236 (8) - Dupuyer No. & So.
Teton & Pondera Counties
Location Survey
Length: 20+ miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: July 1977

Four man crew spent 34 man-days during period setting control points and making P.I. Intersections. Survey is 3% complete with 34 man-days used to date.

RF 238 (13) - Bowman's Corner - Augusta
Location Survey
Length: 14.8 miles
Survey Started: December 27, 1976

Harry Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1977

112 man-days used during this period Staking and Referencing Control Points, Running Levels & Cross Sectioning. Survey is 30% complete with 258 man-days used to date.

M 5201 (1) - 6th St. Great Falls
Part I - 100%
Part II - 92%
Length: 1.3 miles - Cascade Co.
Design Started: Sept. 26, 1972

Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Part II (Station 40+65 to Station 68+00) Received final review comments on signing and pavement marking plans January 20, 1977. Proceeding with final review corrections on signing and pavement marking plans. Waiting final review comments on construction plans, cross sections and special provisions that were submitted on December 16, 1976.

Route Location Study Report (68+00 to Central Avenue West) No action has been taken since the Location Public Hearing, July 31, 1975. The Commission has stopped further study until completion of the update of the Great Falls Transportation Study.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson, Mgr. F.P.U.
Conrad - Phone #278-5412

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith, Mgr. F.P.U.
Cascade Office
Comp. Time: 150 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. Contractor plans to resume signing operations on March 7, 1977 dependent upon weather conditions. Items and percent complete are: Remove Guard Rail, 74%; Protective Screen, 95%; Sign-Sheet Alum., 33%; Guard Rail & Posts Revisions, 62% and Reset Signs, 34%. The project as a whole is 60% complete with 52% of the contract time elapsed. Construction layout is 90% complete with a 3 man engineering crew engaged in staking and inspection.

I 15-5(64) 238 U-1 - Hardy Crk. Ramps
I 15-5(50) 239 U-1 - Cascade N. & S. (N.Sect.)
Add 2 Lanes
Cascade County
Length of Proj.: 2.9 miles
Contract Awarded: Feb. 28, 1977
FHWA Concurrence:
Amount of Contract: $459,725.41

Hilde Construction Company
P. O. Box 2287
Great Falls, Montana 59403
D. D. Moore - Mgr. F.P.U.
Great Falls Phone #453-2573
Comp. Time: 100 Working Days

Contract was awarded to Hilde Construction Company February 28, 1977. Pre-construction meeting has bee requested by Hilde Construction for Tuesday, March 15, at 10:00 A.M.

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concurrence: Jan. 31, 1977
Work Started: Feb. 24, 1977

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structure)
D. Moore, Mgr. F.P.U. (Approaches)
Comp. Time: 110 Working Days
Prob. Comp. Date: July 31, 1977

Structures - No work till fills are complete.
Approaches - Progress has been fair. Subcontractor began fencing work Feb. 23, 1977. Removing existing C/A fence and setting new single and double panels. Prime contractor, Cop Construction installed culverts and subcontractor, Hilde Construction plans to start bridge end embankment March 7, 1977. Items and percent complete are: Fence-Panels, 100%; Fence-Panel, 100%; Corner Panels, 50%; Move & Reset Fence, 55% and 24" X 390" CSP Culvert, 100%. The project as a whole is 5% complete with 0% of the contract time elapsed. Construction layout is 100% complete with a 5 man engineering crew engaged in layout, inspection and testing.

Department of Highways

March 4, 1977

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lane
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structures)
D. Moore, Mgr. F.P.U. (Approaches)
Comp. Time: 150 Working Days
Prob. Comp. Date: July 31, 1977

Structures - Progress has been fair. There were 6-8 men employed. Structure 1842: Deck has been formed, re-steel to be placed next. Structure 2095: Deck has been formed and re-steel is being placed. Structure 301: All bents are in place and beams to be set next week. The structures are 41% complete with 41% of the contract time elapsed. Layout is 75% complete with a 3 man engineering crew engaged in layout, inspection and testing.
Approaches - Progress has been suspended. Sub-contractor Kraus Construction Company suspended all operations December 23, 1976. No work has been performed the past thirty days. Items and percent complete are: Exc. Uncl., 90%; Compaction-Roadbed, 90% and Haul, 90%. The approaches are 75% complete with 41% of the contract time elapsed. Construction layout is 100% complete with a 5 man engineering crew engaged in other projects.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Prob. Comp. Date: May 30, 1977

Progress has been fair. There were 7 men employed 18-8 hour shifts removing work bridge, removing signs and general cleanup. The contractor plans to paint the bridge rail about May 15th. Items and percent complete are: Repair Str., 98%; Concrete, 98%; Reinf. Steel, 100%; Br. Rail, 90% And Str. Steel, 100%. The project as a whole is 97% complete with 46% of the contract time elapsed. Construction layout is 99% complete with a 2 man engineering crew engaged in inspection and work on other projects. Detour was removed, traffic now using structure.

I 15-6(15) 297 U-1 - Dutton No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix
Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Construction Co.
Billings, Montana 59101
T. Hammerbacker, Mgr. - F.P.U.
Dutton - Phone #476-3472
Comp. Time: 360 Calendar Days
Work Completed: Nov. 5, 1976

The project was completed November 5, 1976 using 92% of the contract time elapsed. Final Estimate was submitted to Division office on January 10, 1977 for checking. Same will be forwarded to Helena office on March 7, 1977.

I 15-6(20) 304 - Teton River - N.&S.(S.Sect.) Hilde & Maronick Const. Co.(Jv) Contr.
4.3 miles Grading, Surfacing & Structures East Helena, Montana
Teton County S. Newton, Mgr. F.P.U. (Road)
Contract Awarded: March 2, 1976 K. Minehan, Mgr. F.P.U. (Structure)
Contract Amount: $4,028,676.22 Brady - Phone #753-2581
Work Started: April 1, 1976 Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been fair. Contractor crushed and stockpiled and placed Filter Material and moved Crusher off of project. Riprap Supplier stockpiling Riprap at Teton River. Contractor placed Riprap at Teton River south side. Contractor shaping Sub-Grade "R" Line. Items and percent complete are: Gravel Ditch Liner, 100%; Riprap Type III, 6% and Filter Material, 3%. The project as a whole is 59% complete with 39% of the contract time elapsed. Construction layout is 88% complete with a 5 man engineering crew engaged in layout, testing and inspection.
Structures - Teton River structure: Contractor laying out Bridge Rail, will paint contact surfaces when weather permits. Separation Sta. 788: Contractor has started placing deck re-steel.

I 15-6(16) 308 - Teton River - N.&S.(N.Sect.) Hilde & Maronick Const. Co.,(Jv) Contr.
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. East Helena, Montana
Base; Pl.Mix Bit. Surf.; Signing; S. Newton, Mgr. F.P.U. (Road)
Prestressed Conc. Grider Gr. Separation K. Minehan, Mgr. F.P.U. (Structure)
Teton County Brady - Phone #753-2581
Contract Awarded: July 28, 1975 Comp. Time: 180 Working Days
Contract Amount: $2,070,763.97 Prob. Comp. Date: May 30, 1977
Work Started: September 9, 1975

Progress has been fair. Contractor placed Embankment Protectors at Collins Interchange. Items and percent complete are: Embankment Protectors, 98%. The project as a whole is 86% complete with 84% of the contract time elapsed. Construction layout is 87% complete with a 3 man engineering crew engaged in inspection and compiling supporting data.
Structure - Final inspection was made November 23, 1976. Supporting data was submitted to Division office January 28, 1977. This portion of project is 100% complete, with a 2 man engineering crew engaged in other assignments.

I 15-6(14) 311 & I 15-7(11) 312 Hilde & Maronick Const. Co.(Jv) Contr.
Pershing South and Brady - N. & S. East Helena, Montana
11.5 miles Gr., Agg. Surf., Pl. Mix Bit. S. Newton, Mgr. F.P.U. (Road)
Base, Pl. Mix. Bit. Surf., Lengthen 2 K. Minehan, Mgr. F.P.U. (Structure)
Add two Lane - Teton & Pondera Counties Brady - Phone #753-2581
Contract Awarded: June 5, 1975 Comp. Time: 240 Working Days
Contract Amount: $3,754,385.95 Prob. Comp. Date: May 30, 1977
Work Started: July 16, 1975

Roadway - Progress has been fair. Contractor stockpiled Riprap for SPPA Culvert Sta. 2122+ and Emb. Prot. also placed embankment Protectors at Brady Interchange. Western Sign Placed Flexable Guide Posts at Cross-over Detour Sta. 1684+50. Fencing contractor began work on March 2, 1977 and will complete project. Items and percent complete are: Embankment Protectprs, 98% and Flexable Guide Posts, 100%. The project as a whole is 96% complete with 83% of the contract time elapsed. Construction layout is 99% complete with a 3-5 man engineering crew engaged in inspection, testing and other assignments.
Structures - Structures are 100% complete, with a 2 man engineering crew engaged in other assignments. The Supporting Data was submitted to Division office January 24, 1977.

I 15-7 (18) 330
E. Frtg. Rd. - Valier Jct. No. & So.
Pondera County
13.84 miles: Grading, Agg. Surf.,
Pl. Mix. Bit. Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc. (Jv)
Great Falls, Montana
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Time: 140 Working Days
Prob. Comp. Date: August 1977

The contractor plans to begin installing culverts on March 14, 1977, (1-8 hour shift). The Mountain Bell Telephone Company has nearly completed operations, with only the gathering and piling of the poles remaining. The project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout is 97% complete with a 6 man engineering crew engaged in construction staking.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc. Contr.
P. O. Box 2287
Great Falls, Montana 59403
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
P. O. Box 1301
Conrad, Montana 59425
Comp. Time: 110 Working Days
Prob. Comp. Date: July 1, 1977

The contractor plans to install irrigations Hdgates and Street Monument Boxes the week of March 7, 1977 weather permitting. No work on sidewalks will be done until the weather warms up to avoid cold weather concreting. The project as a whole is 93% complete with 70% of the contract time elapsed. Construction layout is 100% complete with a 7 man engineering crew engaged in other projects.

SMP 5099-77
Maintenance Crushing
Cascade, Chouteau, Lewis & Clark
& Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company
P. O. Box 1626, Great Falls
Glen Enderson, Mgr. F.P.U.
Great Falls Phone - #453-2573
Comp. Time: 100 Working Days

Department of Highways

March 4, 1977

The contract was let on February 24, 1977 and awarded on February 28, 1977 to Mortenson Construction Company of Great Falls, Montana. Tentative starting date is between April 1, 1977 and April 15, 1977.

James T. Sullivan - P.E. -
Supvr. - Division Construction Section

JTS/MRB/ac

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

March 4, 1977

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending March 4, 1977.

G E N E R A L

The weather this past reporting period has been generally favorable with some snow. The temperatures have ranged from +15° to +69°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project the past reporting period. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

A 5 man crew worked 70½ mandays taking topography on all irrigation structures, running check levels between Sta. 125+00 and 425+00 and cross-sections between Sta. 125+00 and 340+00. Centerline and bench levels are 100% complete. Topography is 91% complete. Check levels are 90% complete. Cross-sections are 69% complete. A total of 223½ mandays have been worked to date and the location is 54% complete.

RS 459 (1) Sunburst-East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier, Montana
Telephone No. 226-5811

No work on this project this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

C O N S T R U C T I O N

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Wolf Point, Montana
Contract Time: 140 working days.
Probable Completion Date: 6/10/77

No work on this project this period. 1" pl. mix bitum. base remains 51% complete. Seeding items remain 95% complete. Fencing items remain 95% complete. The project as a whole remains 76% complete with 64% of the contract time elapsed. One man worked five days on final earthwork quantities and related items. The balance of the engineering crew is assigned to other projects.

U-95 (17) Gildford-Havre-East
U.S. 2- Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.32
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77.

No work on this project this reporting period due to a winter shutdown. The project as a whole is 62% complete with 82% of the contract time elapsed.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Completion Date: 10/15/76

One man worked two days in office on final. Remeasure notes came back from Helena on Feb. 28. Final is estimated to be 15% complete.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable completion date: 7/1/77

There has been no progress by contractor this reporting period due to winter shutdown. Unclassified excavation and related items are complete except for final cleanup and finishing. Drainage items and gravel surfacing are 100% complete. Curb and gutter is 97% complete and sidewalk is 30% complete. Bridge widening was completed 11/9/76. The project as a whole is 85% complete with 66% of the contract time elapsed. A five man engineering crew is working on notes in office and R/W monumentation of projects RF-132 (13), 62 (14), and 132 (14).

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77.

STRUCTURES:
Progress has been fair. The subcontractor, Sletten Construction Co., worked twenty 8 hour shifts with up to 5 men employed. Beam shoe plates have been welded on Sunburst Interchange structure, Sta. 1419, and on the structure over the railroad, Sta. 1439. Decking is 95% complete on both structures. Outside backwall forms will be placed after backwall steel has been placed and tied. Anticipate placing deck and backwall steel in approximately two weeks. No work on the structure at Sta. 1644, McVey Interchange. The subcontract as a whole is 44% complete. A 1 to 3 man engineering crew has been engaged in inspection on the project.
ROADWAY:
No work by the contractor this period. Embankment and related items remain 32% complete. Culverts and related items remain 59% complete. Fencing items remain 68% complete. The project as a whole remains 24% complete with 43% of the contract timeelapsed. A two to three man crew worked 16 days. Computations and balancing of dirt quantities is 100% complete. Quantities for guard rail and signs are 100% complete, and verified.
UTILITY REVISIONS:
Marias River Electric revisions remain 95% complete, with change over and remove poles from Sta. 1690 to 1714 remaining to be completed. Burlington Northern R.R. completed installing their revisions July 29, 1976. These revisions will be removed after construction is complete.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co., Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 230 working days
Probable Completion Date:4/30/77

There has been no work by the contractor during the last reporting period. A 4 to 7 man engineering crew engaged in remeasuring the project, staking fence, and working on summaries. The project as a whole is 93% complete with 91% of the contract time elapsed.

I-15-8 (28) 343 U-2
Toole County Line North
1-Prestressed conc. girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/2/76.

One to two men are working on final quantities. These men are also engaged in other projects.

I-15-8 (28) 343 Unit 3
Toole County Line-North
Dual 481.5' prestressed conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 424-2022
Contract Time: 235 working days
Completion Date: 10/30/76

One to two men are working on final quantities. These men are also engaged in other projects.

I-15-8 (33) 343
Toole County Line-North
8.314 mi. agg. surf.,
pl. mix bit. surf. & signing
Contract Let: 10/28/76
Contract amount: $2,176,268.12
Work not started

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable completion date: 11/15/77

No work on this project this reporting period.

RF-FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work not started.

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion Date:11/15/77

A preconstruction conference was held on February 9, 1977 in Havre. The contractor, Hilde Construction Co., contemplates starting grading operations in June, and pipe operations approximately two weeks sooner. A 5 to 8 man engineering crew worked 15 days on construction layout. Slope staking from Sta. 320 to 425, cross sectioned culverts, measured 820 rods of fence for removal and prepared notes. A pipe list was sent to the contractor on February 25, 1977. Engineering crew spent three days at materials seminar in Shelby.

TQX-464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77
Contract Amount: $127,436.90
Work not started

E. F. Matelich Construction Company
Kalispell, Montana
Albert Bonner, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 90 working days
Probable completion date: 8/31/77

No work on this project. Preconstruction conference not yet requested.

HHS 1-6 (1) 384
U.S. 2 East of Havre
Intersection Improvement
Grade, Aggr. Surf., pl. mix
Bit. surf.
0.325 mi. Hill County
Contract Let: 12/16/76
Contract Amount: $84,728.80
Work not started

Baltrusch Construction Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 6/15/77

There has been no engineering work on this reporting period. A preconstruction conference is scheduled for Monday, 3/7/77. The construction layout is 75% complete.

SMP 5199-77
Various Roads
Crush & Stockpile
Blaine, Glacier, Pondera
and Toole Counties
Contract Let: 1/27/77
Contract Amount: $98,070.00
Work Started: 2/24/77

Hilde Construction Co., Inc.
Great Falls, Montana
William Neely, Lab. Supv. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 55 working days
Probable completion date: 7/15/77

The contractor started work on 2/24/77 with 15 men employed, working two 9 hour shifts per day. Work in Pit No. 3730-29, Pondera County, was completed on 3/1/77. The contractor is

SMP 5199-77 (Continued)

presently working in Pit No. 1810-23, Glacier County. The project as a whole is 25% complete with 0% contract time elapsed. A two man engineering crew is engaged in project inspection.

ROS 4144 (52) U-3 &
ROS 4144 (52) U-10
Havre-Simpson and
Fort Benton-Big Sandy
Bridge end Guardrail
0.149 miles
Hill & Chouteau Counties
Contract Let: 2/24/77
Contract Amount: $22,750.40
Work not started.

Western Sign Corporation
Great Falls, Montana
Unassigned
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 6/1/77

No work on this project. Preconstruction conference not yet requested.

Respectfully submitted,

Hazen D. Flickinger, P.E., Supv. Division
Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
MARCH 3, 1977

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending March 1, 1977.

GENERAL

Progress throughout the Division was poor. The weather was mostly fair. Temperatures ranging from +10 degrees to +45 degrees.

PRECONSTRUCTION

5002-01-U60
Merrill Avenue to No. Anderson
Glendive-Dawson County

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana-Phone 365-5296
Est. Comp. Date - April 15, 1977

During the past period a three to eleven man engineering party worked part time on this project. Work done consisted of establishing centerline on North Anderson for railroad underpass between North Merrill Avenue and North Anderson Avenue and made transit ties to B. N. Railroad tracks. Also cross sectioned and took topography for railroad underpass between North Merrill Avenue and North Anderson Avenue. Engineering layout is estimated 75% complete with a total of 101 man days to date.

F-RF-245(12), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana-Phone 365-5296
Est. Comp. Date - May 1, 1978

No work on this project during the past period. Fly line, centerline, bench levels and cross sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 man days used to date.

RF-325(9), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used to date.

RS-31(7), CIRCLE-NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Length - 10.524 Miles

H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1978

Survey was suspended March 1, 1976 with 416.5 man days used to date. This survey is approximately 47% complete.

PROGRESS REPORT PRECONSTRUCTION

RS-302(24), BROCKWAY-SOUTH — Unassigned
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-347(15), ALZADA-EKALAKA — Unassigned
2ND SECTION - 18.4 Miles
Survey Authorized - March 4, 1970

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Eighty-eight man days used to date. Work has been suspended until spring.

S-359(6), 2ND SECTION, MARSH-GLENDIVE — Gerald L. Kuester, Designer II
Length - 7.0 Miles — Glendive, Montana - Phone 365-5296
Survey Authorized - February 23, 1973 — Survey Comp. Date - February 20, 1975
Design Started - March 26, 1976 — Est. Design Comp. Date - June 30, 1977

During the past period 21½ man days were used determining drainage recommendations, designing drainage culverts, determining guard rail locations and placing quantities on summary sheets. Design is estimated 35% complete with 77 3/4 man days used to date.

RS-361(13), PRESSERVILLE-FAIRVIEW — Gerald L. Kuester, Designer II
Length - 6.0 Miles — Glendive, Montana - Phone 365-5296
Survey Authorized - Dec. 23, 1969 — Design Started - July 1, 1971
Survey Started - February 8, 1971 — Estimated Design Comp. - Dec. 31, 1978
Survey Completed - April 6, 1971

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON CO. LINE — Joe Mayo & Son, Inc.
I-94-5(17)165, POWDER RIVER RAMPS — Box 310, Cavalier, No. Dakota 58220
I-94-5(18)174, TERRY-FALLON SAFETY — H.D. Kelly, Fld. Proj. Mgr. - Roadway
Length - 13.2 Miles — C.H. Neiffer, Fld. Proj. Mgr. - Str.
Grade, Agg. Surf., Plant Mix Surf., — Glendive, Montana - Phone 365-2877
Signing and Structures — Contract Time - 260 Working Days
Contract Awarded - March 31, 1976 — Probable Comp. Date - November 30, 1977
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Work on this project has been suspended for the winter but Prime Contractor, Joe Mayo & Son, Inc. has informed us that he will begin crushing and stockpiling Type III Plant Mix Material within the next week and the structure sub-contractor Swingen Construction Co. has also informed us that they will resume work on the bridges over the B.N. Railroad March 7, 1977. Construction layout remains an estimated 91% complete with two to four engineers employed this past period working on notes and supporting data. Project as a whole remains 56% complete with 136 working days or 52% of the contract time elapsed.

I-94-5(15)183 UNIT 2
FALLON-DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - April 30, 1977

Only two 8-hour shifts were worked this past period with three men employed. Work consisted of loading material on trucks for removal from project. The only work remaining to be done is covering of side anchors with top soil and some minor repair of bruises and chips in concrete units. This work will be done this spring when weather conditions are favorable. Project as a whole is 99.9% complete with 57 working days used or 44% of the contract time elapsed. Construction layout is 100% complete with one engineer presently assigned and working on other projects.

I-94-5(15)183 UNIT 3
FALLON-DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - Jan. 27, 1977
Amount of Contract - $1,005,548.41
Work Not Yet Started

Weyher Construction Company
P.O. Box 628, Salt Lake City, UT 84110
A.J. Kuntz, Fld. Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - June 1, 1978

Latest word from the contractor was that they plan to start hauling in materials about March 7, 1977. Serious construction operations will start about April 1, 1977. A Pre-Construction meeting is scheduled for March 9, 1977 at the Glendive Division Office. Engineer presently engaged on another project.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H.D. Kelly, Fld. Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975 and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44, Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of the contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr., - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - June 1, 1977

Prime Contractor Joe Mayo & Sons, Inc. are shut down for the winter. The project as a whole remains at 93% complete with 204 days used or 84% of the contract time elapsed. Construction layout is 97% complete with 0 to 2 men in the field office checking various construction notes.

I-94-6(29)226 UNIT I
GLENDIVE-WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
David A. McCloy, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - November 1, 1977

During the past period sub-contractor F.L. Flynn & Co. employed 4 to 9 men for twenty 8-hour shifts completing driving of steel Brg. pile on W.B. Str. at STA. 1217+50, placed 32.7 cu. yds. class "AD" concrete for footings on Abut. No. 1, Bent No. 2 and Bent No. 3, also columns on Bent No. 3 (W.B.) Str. at STA. 1217+50 for 4% complete. Structure excavation Type 1 is a total to date of 186.1 cu. yds. or 25% complete. Furnish and drive steel brg. pile is 50% complete and reinf. Steel is 2905 pounds placed for 2% complete. The project is estimated at 1.5% complete with no contract time charged to date. Engineering layout is estimated 75% complete with a total of 667 man days used to date.

RF-246(21)
LINDSAY-NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr. Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Comp. Date - November 5, 1976

The project was completed November 5, 1976 with 201 of 237 calendar days or 85% of the contract time elapsed. Final estimate is 90% complete with an estimated submittal date of March 11, 1977.

PROGRESS REPORT

CONSTRUCTION

RF-391(16), LAMBERT-EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Prob. Comp. Date - June 1, 1977

No work this past period. All items remain at 100% complete with the exception of sealing and final pavement marking. The crushing crew had planned to return to the project this winter to crush and stockpile cover aggregate, however extreme low temperatures have changed these plans. The project as a whole is 75% complete with 63 days or 57% of the contract time elapsed. The engineering crew is engaged on another project.

RS-128(12), WIBAUX COUNTY LINE-NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base & Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 58718
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

No progress this past period, project shut down for the winter. Items and percent complete are: Unclassified Excavation 72%; Culverts 53%; Fencing 95%; Riprap 91%. The road portion of the project is 40% complete. No work by the bridge crew this past period, all work on the bridge, (with the exception of the protective deck coat and hand rail painting), is complete. The bridge portion of the project is 97% complete. The project as a whole is 45% complete with 97 days or 60% of the contract time elapsed. The construction layout is 100% complete. The engineering crew is engaged on another project.

RS-128(14), 9 MI. NORTH OF WIBAUX-NORTH
Length - 4.5 Miles
Grade, Agg. Surf., Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 58718
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - September 23, 1976

This project was completed on Sept. 23, 1976 with 184 calendar days or 121% of the contract time elapsed. Final estimate is 95% complete and will be sumitted to Helena on or about April 1, 1977.

RS-302(23), TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
B. F. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

PROGRESS REPORT CONSTRUCTION

Progress this past period has been poor. Sub-contractor Jim Swan & Son worked one 8-hour shift employing 3 men forming for the slope protector to be installed Lt. of STA. 783+88. Contractor Joe Mayo & Son, Inc. did not work during this past period. The project as a whole is 35% complete with 137 working days used or 76% of the contract time elapsed. Construction layout with 3 men working part time in the office checking notes and other supporting data is estimated to be 82% complete.

RS-394(3) WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf. & Prestressed Con. Gir. Bdg.
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Not Yet Started

McIntyre Const. & S. Birch, Inc.
P.O. Box 2167, Great Falls, Mont. 59403
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - Oct. 28, 1977

Prime contractor McIntyre Construction Co. & S. Birch Inc. have not yet moved onto project. Construction layout with 8 to 10 man engineering force, staking centerline and setting R/W points, is estimated at 30% complete.

Respectfully,

Bruce Russell, Supervisor
Division Construction Section

BR/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
March 4, 1977

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending March 4, 1977.

GENERAL

The weather has been cool with no measureable amounts of rain and snow this past period. Road construction has been suspended for the winter. Off system roads and signing projects have also been suspended. The temperatures ranged from a low of 3 degrees to a high of 40 degrees.

PRECONSTRUCTION

F 1-8( ) Dodson-Malta (Overlay)
Approximately 9 Miles in Length
Authorized--01-28-77
Design Started--02-02-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--03-15-77 (PIH)

Eleven man days were used in design this past period. A total of 12 man days have been used on design to date. Design is approximately 40% complete.

RF 001-9-(001) 644.2, Culbertson-Diamond Cr.
Proposed Culvert Installation
Authorized--09-16-76
Location Survey Started--10-04-76
Location Survey Completed--12-15-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701

No man days were used by division personnel this past period. Crew assigned to other projects.

F 193(22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--03-31-78

Six man crew worked 67 man days this past period and completed check levels and centerline profile, station 940 to 1145+71.0; made section ties in miles two and three; plotted profile in miles one and two. Percentage complete on 10.1 mile survey are as follows: centerline, bench levels and profile 100% complete; section ties 30% complete; profile plotted 20% complete. Progress has been slow as few section corners are in place and recordation procedures are required on corners before ties can be made. The project as a whole is 45% complete with 437 man days used to date. Estimated date of completion is March 31, 1978.

RS 239(5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--05-30-77 (PIH)

A total of 307 man days were used on location survey. Location survey is 100% complete. Design started 01-17-77. Ten man days were used on design this period. A total of 24 man days have been used on design to date. Design is approximately 5% complete.

TQS 250-1(2)37, Wolf Point N & E Loop
Formerly S 98(3)
Approximately 6 Miles in Length
Authorized--12-28-76
Design Started--01-04-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050

Proposed plans submitted to Helena for PIH prints on 01-10-77.

RS 257(5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76 (Location)
Est. Compl. Date--12-15-76 (PIH)

The location survey is 100% complete. Five man days were used on design this period. A total of 142 man days have been used to date on design. Plans are 50% complete and ready for PIH prints. Waiting for determination of which construction alternate will be proposed.

RF 266(11), Macon-North
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est. Compl. Date--05-30-77

Fly line and centerline are 100% complete. Ownerships are 85% complete. The project as a whole is 17% complete with 109 man days used to date.

RF 266(14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77

George Nelson, Field Proj. Mgr.
Scobey, Montana
Est. Compl. Date--04-15-77

A six man crew worked 73 man days this past period. Established fly line from mile nine through mile eleven and one-half. Ran centerline from Station 2344+08.9 through Station 2691+55.0 for 100% complete. Section ties are 25% complete. Bench marks have been set for the entire project, levels run from Station 2691+55.0 to Station 2388+42, and check levels run from Station 2691+55 to Station 2650+00 for 25% complete. The project as a whole is 25% complete with 185 man days used to date.

F 273(16), Missouri River Bridge-South of Culbertson
Approximately 0.2 Miles in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--05-15-77

Authorization to make a complete bridge site survey was issued May 13, 1976. Work will be accomplished as soon as a crew is available.

CONSTRUCTION

RS 15(17) & RS 202(6), Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--06-15-77

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically checking field notes for supporting data.

RF 153(12), U-1, US #2-Dodson
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-01-77

No work on project the past period. The project remains 86% complete with 84% of the contract time elapsed. Engineering crew assigned to other projects.

RF 240(13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--09-24-76
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--45 (See Special Provision)
Prob. Compl. Date--04-15-77

Progress this past period consisted of erecting eight lite standards with attached luminare assembly for a total to date of 11 or 100% complete. 3,560' of copper conductor wire was placed for a total to date of 6,960' or 67% complete. Underground work is 100% complete. Project is 93% complete with 44% (revised) of the contract time elapsed. Two contractor employees worked 3-8 hour shifts. One state employee is engaged on the project.

SMP 2899-76, Maintenance Stockpiles
McCone, Prairie, Roosevelt & Wibaux Counties
CRUSH & STOCKPILE
Contract Let--11-18-76
Contract Awarded--11-19-76
Proceed Order Date--12-10-76
Bid Price--$224,375.00
Work Started--12-10-76

Francis Tindall, Contractor
Lewistown, Montana
Leroy Anderson, Mat'l Supr.
Wolf Point, Montana
653-1050
Working Days--120
Est. Compl. Date--03-31-77

Crushing in Pit No. 4010-10, Prairie County, is complete but has not been hauled to the stockpile site. Pit No. 2840-35, McCone County, is 100% complete with 12,559 ton of ½" crushed top surface produced and stockpiled. Started crushing in Pit No. 4330-58, Roosevelt County, on 02-28-77. 3,400 ton of ½" crushed top surface produced and stockpiled or 28% complete. Project as a whole is 48% complete with 33% of the contract time elapsed. Two to three state employees are engaged on the project.

Robert M. Anderson

for Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

March 4, 1977

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending March 4, 1977.

GENERAL

Temperatures ranging from +15 to +40 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout this area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I-90-8(77)455
Johnson Lane - Billings
Length 1.00 Miles
Survey Authorized 1-18-77
Work Started 1-20-77

D. C. Kittelson, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-77

Centerlines on the Base Lines for Ramps No. 1,2,3 and 4 and Johnson Lane have been completed. All Centerlines have been plotted on the hardshell. Cross-sections and profiles have been completed on Base Lines for Ramps No. 1,3,4 and Johnson Lane and from Sta. 1110+22.1 to 1114+00 on Ramp No. 2. All Property ties have been completed and are being plotted on the hardshell. Topography has been completed on Ramp No. 3 and on Ramp No. 4 from Sta. 1103+50.1 to 1110+74. Ownerships have been gotten and signatures from the Property Owners for the Permission to Survey forms have all been acquired. A five man survey crew and one man in the office used 48 man days this reporting period for a total of 135 man days used. The survey is 73% complete.

I-90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Started 12-1-76

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Completion Date 12-13-77

All requested data has been forwarded to the Preconstruction Bureau.

U 53(18)Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

Three employees worked on this project during the last reporting period, plotting new topography, checking cross sections and designing drainage structures. Design work is 25% complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-1-77

Survey will commence as soon as personnel are available. Project is 0 % complete.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-1-77

Work was suspended on February 20 and will continue when personnel are made available. Project is 2% complete.

RS-132(7) Billings- South
8.2 Miles - Location Survey
Survey Authorized 2-26-76
Survey Started 2-14-77

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-1-77

Seventeen man days were used locating original points. Ten man days were used Setting and Ref. points and Running centerline. One man day was used acquiring ownerships. Two man days were used locating original B.M.'s. Three man days were used Attending Signing Seminar. Three man days were used on Holiday 2-21-77. Project is 6% complete.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

No work was accomplished on this project during the last reporting period. Additional survey data has been received from Miles City and will be included with the final design. Design work is 52% complete and the estimated completion date is January 31, 1979.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Completion Date 3-2-77

Nine man days were expended during the period tying section corners to the centerline. All field work is now 99% complete. The only field work remaining is measurement of drainage areas.

S 252(4) Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 3-25-77

Three employees worked on this project during the last reporting period, designing final linen summary sheets, inking final plan sheets and checking the cross sections. Design work is 85% complete and the estimated completion date is March 25, 1977.

S 260(10) Lodge Grass-St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete and the estimated completion date is May 20, 1977.

DP 50(7) Sarpy Creek Road - South Section
8.682 Miles Design Work
Design Started 2-4-77

James M. Young, Designer II
Billings, Montana
Probable Completion Date 3-4-77

The field survey for this project was made during the final week of December 1976, survey notes were checked and plotted the last week of January 1977. Three employees worked on this project during the last reporting period, computing earthwork, designing summary sheets and inking final linens. Design work is 89% complete and the estimated completion date is March 4, 1977.

DP 50(7) Sarpy Creek Road
Photogrammetric Control 27±
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 5-1-77

Six men worked 10 days this period measuring horizontal control. 204 man days have been used to date and the survey is estimated to be 73% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 6-1-77

A five man engineering crew worked eight days running check levels and setting fly line on the first eight mile section of the project. All horizontal and vertical control work is 100% complete.

CONSTRUCTION

I-IG 90-8(64) 391 U1 & I-90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started - 6-26-76
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M. - Structures
Michael Zahn, F.P.M. - Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 260 Working Days
Probable Completion Date 3-15-77

Frank Gurney, Inc. worked three days obliterating old striping and markings. They employed two men. All of the items are 100% complete except for some patching and some clean-up work. The project is 99% complete with 80% of the contract time elapsed. A five man engineering crew is working on final quantities.

I-90-9(28)509 U1 and I-90-9(34)491 &
FI 188(10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 6-30-77

No work was done on the following projects for the past two weeks: I 90-9 (28)509 U-1, FI 188 (10) and I 90-9 (34) 491 (Safety), while all items remain the same as previously reported. The contract as a whole is 82% complete with 82% of the contract time elapsed. One man is working in the office on the field notes and computations for the above captioned construction projects.

I-90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shutdown due to time limitations for Seal Coat Operation. The project as a whole is 89% complete with 80% of the contract time elapsed.

I-94-1(37)50 Unit 1
Structure and Approaches Bighorn
River 0.22 Miles Yellowstone & Treasure Co's.
Contract Awarded 2-28-77
Amount of Contract - $1,007,315.91
Work Not Started

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 210 Working Days
Probable Completion Date: 12-1-77

The contractor has not yet requested a preconstruction conference.

I-94-2(17)60 U1 & I-94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

There has been no work on the projects by the contractor since December 20, 1976. Three men are working up quantities in the project office. Percent complete of varous items are as follows. Grading 97%. Surfacing 33%. Drainage 94%. Structure 97%. Fencing 76%. Signing 10%. Project as a whole 60%. 230 of the allotted 303 working days have been used, making 76% of the contract time elapsed. Construction layout is 62% complete.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

Good progress. The contractor worked ten 8-hour shifts hauling 35,000 Cu. Yds. of Unclassified excavation, between Stations 318+00 and 340+00 and Station 210+00 to Station 242+00. Tenative plans are to begin driving steel bearing piles at Station 69+62 on or about 3-3-77. The pipe crew installed 70 Lin. Ft. of 30" Cl. 5 R.C.P. at Station 140+53, 44 Lin. Ft. of 36" Cl. 2 R.C.P. at Station 42+43 and added 32 Lin. Ft. of Cl. 4 24" at Station 98+00. They are presently excavation for the 24" Cl. 2 syphon at Station 54+11. Bozeman Sand and Gravel worked 20 - 8 hour shifts (double shifts) Crushing and Stockpiling a total of 70,000 tons of 1½" C.B.S. Type "A" Gr. 5 to Roadway Station 260+00 to Station 292+54, Right window of the 1st Lift. The grading is 30% complete, Drainage items are 37% complete. Fencing remains at 65% complete and the surfacing is 5% complete and Structure excavation remains 36% complete. The Project as a whole is 15% complete, with 13% of the Contract time elapsed. A total of 29 men are currently employed. Eleven persons were assigned to the project for engineering and inspection of roadway items, and a three-man engineering crew was engaged in structure layout and computing structure quantities. The structure layout is 27% complete and the roadway engineering layout is 17% complete.

RF 188 (9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

The fencing contractor began work on February 28, 1977 and worked two days with five men employed. The fencing on the project is now completed. There was no other progress this reporting period with a Winter Shutdown in effect. The grading has been completed except for clean-up behind the curbs and the placing of some topsoil. Striping of crosswalks, parking lanes and stop lines remains to be done. The seeding also remains to be done. The Miscellaneous items remain 69% complete. The Grading items remain 97% complete. The Drainage items are 100% complete. The Surfacing items are 100% complete. The Curb and Gutter items are 100% complete. The Signing and Lighting items remain 95% complete. The Fencing items are 100% complete. The project as a whole is 93% complete with 139 days of the 186 working days allowed having been used or 75% of the contract time elapsed. One man has been working in the office compiling data for the project final and inspection of the fencing work. Some of the data for the final has been submitted to the division office for checking. Engineering layout is 100% complete.

M 1006(1) Broadwater Avenue
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

There has been no work done on the project during the past reporting period. All items remain the same as previously reported. Contract time elapsed has been 98 working days or 98% to date and five working days remain, with the contractor on a winter shut-down. Thirteen working days have been added through Change Orders. Engineering time charged to the project has been 13 man-days during the past reporting period. Three men have been working in the office compiling notes for the final. The project as a whole is approximately 90% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 6-1-77

The subcontractor, Midland Electric Company, had two men employed and worked four-eight hour shifts pulling wire and setting light poles on the east side of the structure. Pole No. 9 through Pole No. 14. One man was employed one-eight hour shift grouting pole bases and installing the anchor for Change Order No. 5. Concrete-Class D is 100% complete; Conduit-Steel 1½" Rigid is 100% complete; Conduit-Plastic 1½" is 100% complete; Conductor-Copper AWG8-600V is 100% complete; Luminaire Assembly 250W SV is approximately 95% complete; Luminaire Assembly-250W USV is approximately 95% complete; Electric Service Assembly Type A is approximately 90% complete and Photo Electric Control is approximately 90% complete. Conductor-Copper AWG10-600V is 100% complete, Standard Type 10-A-300-4 is 100% complete, Standard Type 10-A450-SL is 100% complete, Standard Type 10-A-450-4 is 100% complete, Luminaire Assembly-400W SV is approximately 95% complete. All other items remain the same as previously reported. Contract time elapsed has been 100 working days or 66% to date and 51 working days remain. The contractor is currently on a winter-shut down. Engineering time charged to the project during the past reporting period has been four man days with one man inspecting field operations and working in the office. The project as a whole remains approximately 79% complete.

M 1018(2) & M 1009(2) U2
Interm Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf., Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Not Started

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

A Preconstruction Conference was held in the Billings Division Office on February 23, 1977. Those represented were Midland Electric Company, Western Sign Coporation, Mark Rite Lines, Inc. and The Department of Highways. A Notice to Contractor to Proceed With Work, April 18, 1977 was issued the contractor on November 3, 1976. The prime contractor, Midland Electric Company, indicated that he would begin on the underground portion of the project in the near future. Engineering time charged to the project has been 27 man-days during the past reporting period. Three men have been working in the office on signing and electrical notes.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days

The contractor did not work on the project during this period. Bridge Items are 100% complete. Grading Items are 100% complete. Surfacing Items are 91% complete. Seeding Items are 93% complete. Drainage Items are 100% complete. Guardrail Items are 100% complete. Signing and Striping Items are 43% complete. Fencing Items are 89% complete. No engineering personnel were assigned to the project during this period. Construction layout is 98% complete. The project is 97% complete with 92% of the contract time elapsed.

HHS 212(20) Lodge Grass - North
6.0 Miles Pl.Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 5-30-77

The Project is now under seasonal shut down due to time limitations for seal coat operation. The project as a whole is 92% complete with 91% of the contract time elapsed.

HHS 4-2(1)52 U1 - Maint. & 1st Ave. - Laurel
Installation of traffic devices
0.01 Miles
Contract Amount $44,966.00
Contract Awarded 1-31-77
Work Not Started

Midland Electric Co.
Billings, Montana
Michael Zahn, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 5-30-77

The Preconstruction Conference was held on February 23, 1977. The contractor expects to begin work before the end of March. Four man days have been used this period checking plans and computing quantities.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
March 4, 1977

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending March 4, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, occasional wind, and periods of precipitation prevailed during the past period. Temperatures ranged from 5° below to 56°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - 1.152 Miles
Survey Started: December 14, 1976

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Survey Completed: January 24, 1977

All field work for this location survey was completed January 24, 1977. Supporting data was submitted to Billings for design February 8, 1977. This will be a final report.

S 252 (4) - 8 Mi. So. of Rosebud-South (South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 20, 1977

Work in progress during the past period consisted of running centerline on 5.0 miles and taking topography on 0.5 miles. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 miles or 1% complete. Project as a whole, with a 1-man engineering crew engaged, is 30% complete.

DP 252 (5) - Rosebud-South (Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94 (Center Section)
Length - Approx. 12.8 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 30, 1977
Survey Suspended: March 3, 1977

Field work was resumed on this photogammetry design survey January 17, 1977. Work in progress since that date has consisted of running centerline and levels on 12.8 miles and securing drainage areas on 6.0 miles. 109 man days have been used to date.

DP 323 (16) - Colstrip to I-94 (South Section)
Length 5.7 Miles
Survey Started: October 27, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Orig. Survey Completed: March 9, 1976
Add. Work Resumed: December 13, 1976
Probable Completion Date: March 30, 1977

A 5-man engineering crew resumed work on this location survey on February 28, 1977. Due to planned industrial development in this area, another route is required left of Station 25+00 for the county road realignment. Also required is a realignment survey for a private coal haul road left and right of Station 39+00. To date, center line has been run for realignment of the private coal haul road. 15% of this additional work has been completed. 97 man days have been used to date.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: April 15, 1978

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: February 15, 1978

No work was performed on this project during the past period. To date, right-of-entry permits have been secured, ownerships checked, and fly line established.

DP 466 (1) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Mile
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: June 15, 1977

Authorization to make this bridge and approach survey was issued January 24, 1977. Engineering personnel will be assigned when available.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Field Proj. Mgr. (Structure)
Forsyth, Montana - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Progress during the past period has been poor. Minor work being performed consists of constructing bridge deck forms. To date, 1,103,000 cubic yards of unclassified excavation have been moved or 76% complete. 477,000 cubic yards of unclassified excavation borrow have been moved or 95% complete. 3,304 lineal feet of CSP culvert have been installed or 91% complete. 2,391 rods of fence have been installed or 59% complete. 4,820 tons of plant mix type 3 have been placed or 10% complete. 372 lineal feet of RCP culvert have been installed or 29% complete. Plant mix seal is 80% complete. SSPP culvert is 100% complete. The contractor worked 19 eight-hour shifts with 6 men employed. The structures, as a whole are 59% complete. The contract as a whole is 55% complete with 38% of the contract time elapsed. Construction layout is 74% complete. The contractor plans to resume work, consisting of finishing operations, March 7, 1977.

I 94-3 (27) 114 - Hathaway-E & W
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: July 30, 1977

The contractor resumed work on this project February 28, 1977, with crushing and stockpiling of 3/4" material. To date, 34,668 tons of 1½" crushed base surfacing have been produced or 49% complete. 73,237 tons of 3" crushed base surfacing have been produced or 84% complete. The project as a whole is 82% complete with 62% of the contract time elapsed. Construction layout, with a 1-man engineering crew engaged, is 85% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued....

Progress during the past period has been poor. The remainder of the ½" cover material was crushed and stockpiled. This work was completed February 10, 1977, and no work has been performed since. The contractor worked 10 eight-hour shifts with 6 men employed. To date, Project RF 156 (15) has been completed through the first lift of plant mix base and Project RF 156 (17) has been completed through the plant mix surfacing. Temporary centerline and shoulder line striping has been placed on both projects. The project as a whole is 59% complete with 67% of the contract time elapsed. Construction layout, with a 1-man engineering crew engaged, is 82% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 160 Working Days
Probable Completion Date: Nov. 15, 1977

Subcontractor, Sherrodd, Inc., began work February 24, 1977. Work in progress since that date consisted of fencing layout. Subcontractor, Sherrodd, Inc., worked five 8-hour shifts with one man employed. The project as a whole is 1% complete with none of the contract time elapsed. Construction layout, with a 7-man engineering crew engaged, is 55% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grad., Gravel Surf., & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Actual Completion Date: Nov. 4, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions November 4, 1976. Formal inspection and acceptance were made November 9, 1976. The final estimate was submitted to the Division Office February 22, 1977, and is currently 95% complete.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:DM:dk

cc: Div. File

CONSTRUCTION BUREAU

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
LEWISTOWN, MONTANA
March 4, 1977

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of February 5, 1977, through March 4, 1977.

GENERAL

The temperatures varied from 56 degrees above to 8 degrees above with 0.73 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Survey Authorized: 5/26/70
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on 4/16/73. Bridge Situation Survey was submitted to Helena on 9/18/73. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on 9/18/73. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on 9/18/73. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. I.B.M. Sheets for Run No. 2 were received from Helena on 9/29/76. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 96% complete. The design as a whole is 25% complete with 129½ man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was performed on the project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: 12/13/76

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Work during the past reporting period consisted of cross-sectioning from Station 30+00 to Station 56+40, and from Station 0+00 to Station 56+40 on the alternate line; taking river cross-sections from Station 56+40 to Station 64+80; section ties from Station 65+00 to Station 80+00; taking topography from Station -5+00 to Station 56+40. Items and percentage complete are as follows: centerline, bench levels, and cross-sections, 100%; topography, 90%; section ties, 40%; field notes checked, 40%; plotting cross-sections, 35%; bridge situation, 85%; drainage topography, 20%. A total of 326 man-days have been expended, and the survey is 70% complete.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field survey work resumed on this project 1/17/77. Work the past reporting period consisted of re-establishing centerline at various locations requiring Bridge Situation layouts, taking topography from Station 240+00 to Station 610+00. Plotting profile, plan and cross-sections and cross-sectioning for bridge location data. Items and percentages complete are as follows: centerline, bench levels, land ownerships and cross-sections, 100% complete; topography, 90% complete; checking field notes, 95% complete; section ties, 16% complete; Bridge Situation and drainage, 85% complete; plotting profile, 80% complete; plotting plan, 20% complete; plotting cross-sections, 15% complete; checking utilities, 50% complete. A total of 560 man-days have been expended and the field survey is 94% complete.

RF 235 (38) Stanford-East and West
Approximate Length: 8.00 Miles
Survey Authorized: 9/28/76
Survey Started: 1/31/77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327

continued...

RF 235 (38) Stanford-East and West, continued...

Work the past reporting period with a 5-man engineering crew assigned has consisted of running centerline, referencing control points and running levels. Percentages of completion are: centerline and control point reference, 90%; level circut, 50%. 100 man-days have been expended to date.

ER 72 (23) Lewistown-Southeast, Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12/31/75
Survey Started: 7/20/76
Survey Suspended: 7/29/76
Survey Resumed: 9/27/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office 11/15/76. Plotting and inking mylar and profile, plotting and inking cross-sections, tracing plan and profile linen are all 100% complete. 10 man-days were used plotting summary sheets for 85% complete; designing Geology recommendations for 75% complete. The design as a whole is 60% complete with 46 man-days expended to date.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/14/72
Survey Started: 11/25/74

Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040

Field location survey was resumed 1/24/77. A 5-7 man engineering crew worked 31 man-days the past week. 10 man-days were spent taking cross-sections between Station 445+00 and Station 482+79.6; 12 man-days were spent taking topography between Station 30+00 and Station 78+00; 9 man-days were spent searching for section corners. Line run, levels run, BM's established, ownerships checked are 100% complete; cross-sections are 98% complete; section ties, field notes checked and plan plotted is 33% complete; topography is 16% complete; profile is 19% complete. The survey as a whole is 77% complete.

RS 462-2 (1) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No field work on the project for this reporting period. Centerline, bench marks set and levels run and checked, roadway cross-sections, topography taken are 100% complete. Field notes checked are 90% complete; section ties remain 60% complete; drainage areas and drainage recommendations are 80% complete; Bridge Situation survey is 65% complete; plotting profile and plan is 100% complete. A total of 659 man-days have been expended to date and survey remains about 96% complete.

DESIGN: Tracing plan and profile linens remain 80% complete; laying preliminary grades on profile remain 85% complete. The design as a whole is 5% complete with 27 man-days expended to date.

ER 72 (21) Melstone-Mosby
Approximate Length: + 0.379
Survey Authorized: 1727/76
Survey Started: 11/22/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office on 1/5/77. Plotting and inking of cross-sections, plotting of mylar, computing earthwork and plotting R/W are all 100% complete. 22 man-days were used plotting summaries, designing miscellaneous items and writing special provisions for 100% complete. The design as a whole is 50% complete with 51 man-days expended to date. The completed design was transmitted to Helena on 2/24/77 for P.I.H. prints. The P.I.H. has tentatively been scheduled for 3/15/77 and 3/16/77.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Utility Agreements for the Stanford and Windham Crossings were received by the Lewistown Office on 10/14/76 for the Windham Crossing, and 12/29/76 for the Stanford Crossing. No work has been done by the railroad on the Windham Crossing. The work on the Stanford Crossing was started on 11/8/76, and was completed on 2/24/77.

SRS 4148 (51) Yogo Inn Crossing-Lewistown
Grade Crossing Signals
Off-System

No agreement for the project has been received by the Lewistown Office.

M 7103 (1) Airport Road-Lewistown
Approximate Length: 1.7 Miles
Survey Authorized: 12/6/76
Survey Started:

Unassigned At This Time

No work on this survey to date.

M 7106 (3) Spring Street, 8th to 11th-Lewistown
Approximate Length: 1100.00 Feet
Survey Authorized: 12/6/76
Survey Started:

Unassigned At This Time

No work on this survey to date.

M 7109 (1) 4th Avenue-Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76
Survey Started:

Unassigned At This Time

No work has been done to date on this survey. Work will begin when a crew becomes available.

RS 42 (12) 6 Miles Northwest-Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started:

Unassigned At This Time

No work has been done to date on this survey. Location and Design Public Hearing held 10/19/76 in Jordan.

TQF 61-4 (1) 88 Slide North of Robinson Bridge on US 191
Approximate Length: ± 0.14 Miles
Survey Authorized: 11/16/76
Survey Started: 11/29/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office on 12/16/76. Plotting cross-sections, computing waste, designing miscellaneous items are all 100% complete. 3 man-days were used preparing preliminary cost estimate and writing special provisions for 100% complete. The design as a whole is 80% complete with 22 man-days expended to date. The completed design was transmitted to Helena on 2/8/77 for P.I.H. prints. The P.I.H. has tentatively been scheduled for 3/15/77 and 3/16/77.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface, and Drain
Meagher County
Contract Awarded: 10/3/74
Bid Price: $1,766,953.86
Work Started: 5/13/75

Hilde Construction Co. and
Maronick Construction Co. (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 Working Days
Completion Date: 11/19/76

The project was completed 11/19/76 with 94% of the allotted contract time used. Final Estimate and Supporting Data are being checked and will be submitted to the Division Office on or about 3/7/77.

ER 72 (15) Armells Creek Slide
Length: 0.05 Miles
Grade, Channel Change, and Riprap
Fergus County
Contract Awarded: 8/30/76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 Working Days
Prob. Compl. Date: 5/1/77

No work has been done on the project during the past reporting period. Completion of seeding and fertilizing operations will be done when weather conditions permit. The project as a whole is 99% complete with 97.4% of the contract time elapsed. The engineering crew has been assigned to other projects.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix Bituminous Surfacing, Sewer Installation Signing, Lighting, and a 40.0 Prestressed Concrete Bridge over Spring Creek
Contract Let: 4/1/76
Bid Price: $1,820,322.90
Work Started: 5/24/76

Washington Construction Co.
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 Working Days
Prob. Compl. Date: 6/1/77

Project is on winter shutdown with no work being accomplished during this period. Items remaining to be completed are: seeding, fencing, signing, installation of two 50-foot sections of curb and sidewalk, and final cleanup of project. The project is 96% complete with 75% of the contract working days expended. Construction layout is 100% complete with engineering personnel presently engaged on location survey on RF 235 (38), Stanford-Geyser Project.

RF 138 (8) Roundup-North
Length: 6.2 Miles
Grade, Gravel, Plant Mix Surfacing, Bridge
Contract Awarded: 5/24/76
Work Started: 7/1/76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow, S.E.T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Roundup, Montana
Telephone: 323-2040
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

No work on this project during this reporting period. The engineering crew has been assigned to other projects. 72% of the project is complete with 55% of the contract time elapsed.

BRIDGE: 100% complete, pending guardrail touchup.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11/14/74
Contract Awarded: 11/15/74
Bid Price: $426,589.77
Work Started: 12/10/74

Sletten Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 150 Working Days
Completion Date: 8/24/76

The project was completed on 8/24/76 with 93% of the allotted contract time used. On 8/27/76, Mr. R. W. Freeman, Division Construction Section Supervisor, and the Meagher County officials made their final acceptance of the project. Final Estimate and Supporting Data is being submitted to the Construction Bureau on 3/4/77. This will be the last report for this project.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base, and Stripe
Contract Awarded: 4/29/76
Contract Amount: $424,429.54
Work Started: 5/20/76

R. J. Studer & Sons Construction
P. O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 90 Working Days
Completion Date: 10/26/76

The Final Estimate was submitted to the Division Office on 2/3/77, and will be submitted to the Construction Bureau, Helena, on 3/11/77.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Started: 8/5/76

Hilde Construction Co. and
Maronick Construction Co. (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

Progress the past reporting period has been poor due to inclement weather. Crushing of the Cover Material was completed on 2/7/77, and there has been no work on the project since. The contractor plans to begin C.B.C. production on or about the end of March. The contract remains at 57% complete with 54% of the contract time elapsed. Construction layout remains at 88% complete with 1-2 engineering personnel checking notes and quantities.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing, Plant Mix Surfacing, Drain, Seal and Cover, Signing, and Construct an 85.0 Prestressed Concrete Bridge
Fergus County
Contract Awarded 3/31/76
Contract Amount: $1,001,089.52
Work Started: 4/19/76

Zook Brothers Construction Co.
P. O. Box 2025
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Prob. Compl. Date: 7/1/77

No work was done on this project the past reporting period. The contractor moved off the project until next spring when weather limitations will permit Chip and Seal operations. The project as a whole is 92% complete with 60% of the contract time elapsed. 2 men are presently checking field notes and final quantities and the grading quantities were submitted to the Construction Bureau 2/3/77 for I.B.M. computations.

SMP 1499-76 Maintenance Stockpiles on Various Roads
Fergus, Judith Basin, Musselshell Petroleum, and Rosebud Counties
Contract Awarded: 11/19/76
Bid Price: $165,960.00

Empire Sand & Gravel Co., Inc.
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Notice to proceed with work was issued on 12/10/76. The contractor, Empire Sand and Gravel Co., Inc., plans to begin work about 4/1/77 depending on weather conditions. The project is 0% complete with 39% of the contract time elapsed.

ROS 4144 52 Unit 4 and Unit 13 - Roundup
Guardrail Installation
Contract Let: 2/28/77
Contract Awarded: 2/28/77
Contract Amount: $25,223.00
Work Not Started

Frank Gurney, Inc., & Subsidiary
Spokane, Washington
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Contract Time: 30 Working Days
Prob. Compl. Date: 6/15/77

No work to date on this project.

Respectfully submitted,

R.W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/llg

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

FEBRUARY 8 1977

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

February 8, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	52	40 OCT. 1977	R. J. Studer & Sons $2,759,751.00